FIG.1

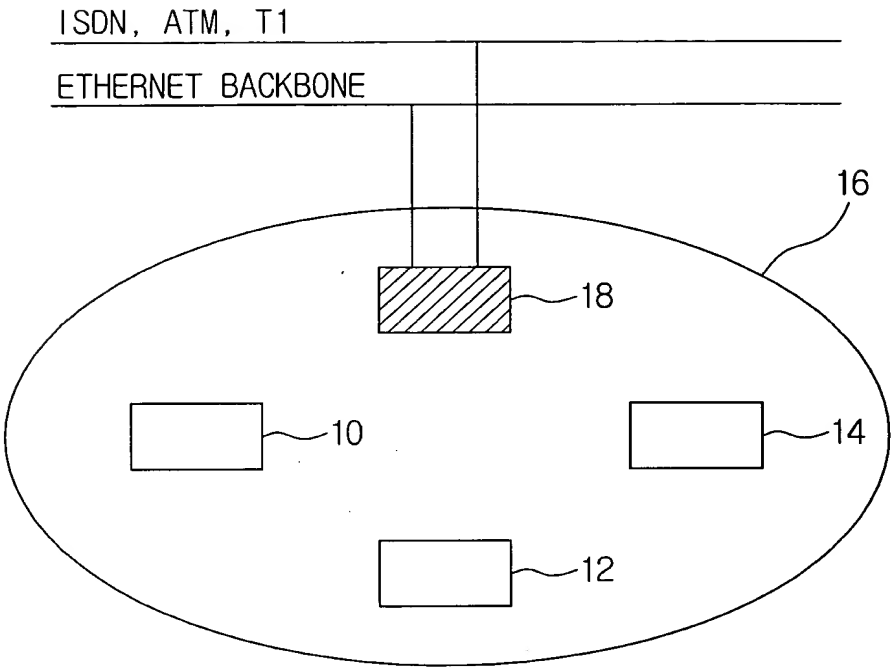

ISDN, ATM, T1
ETHERNET BACKBONE
16
18
10
14
12

FIG.2

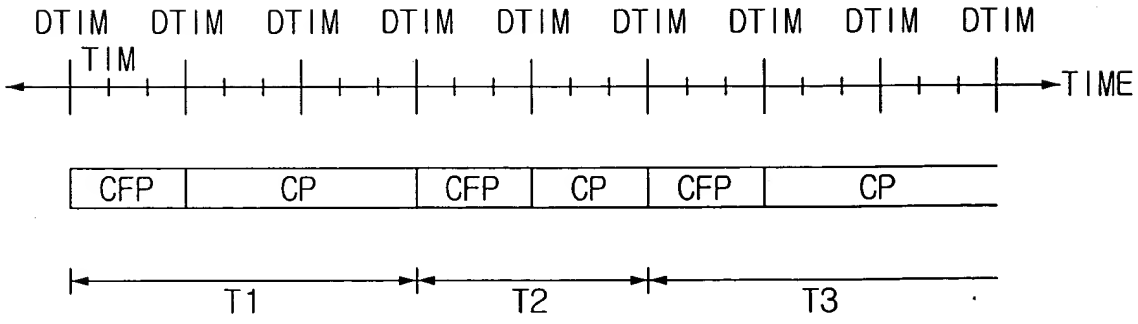

DTIM
DTIM
DTIM
DTIM
DTIM
DTIM
DTIM
DTIM
DTIM
TIM
TIME
CFP
CP
CFP
CP
CFP
CP
T1
T2
T3

FIG.3

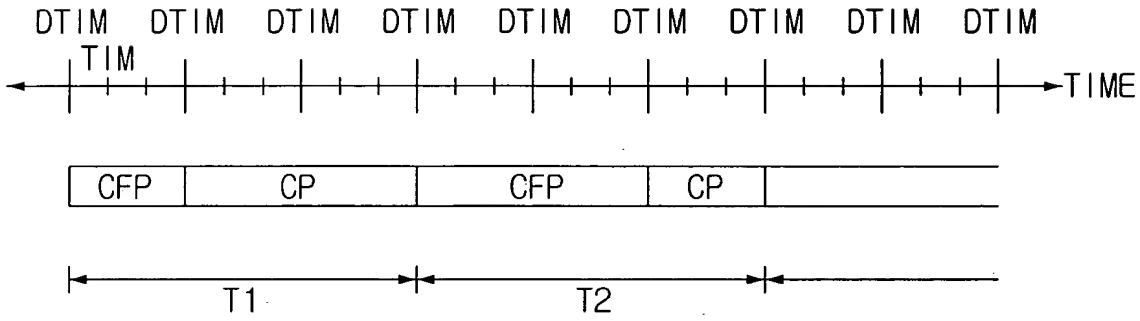

DTIM
DTIM
DTIM
DTIM
DTIM
DTIM
DTIM
DTIM
DTIM
TIM
TIME
CFP
CP
CFP
CP
T1
T2

FIG.4

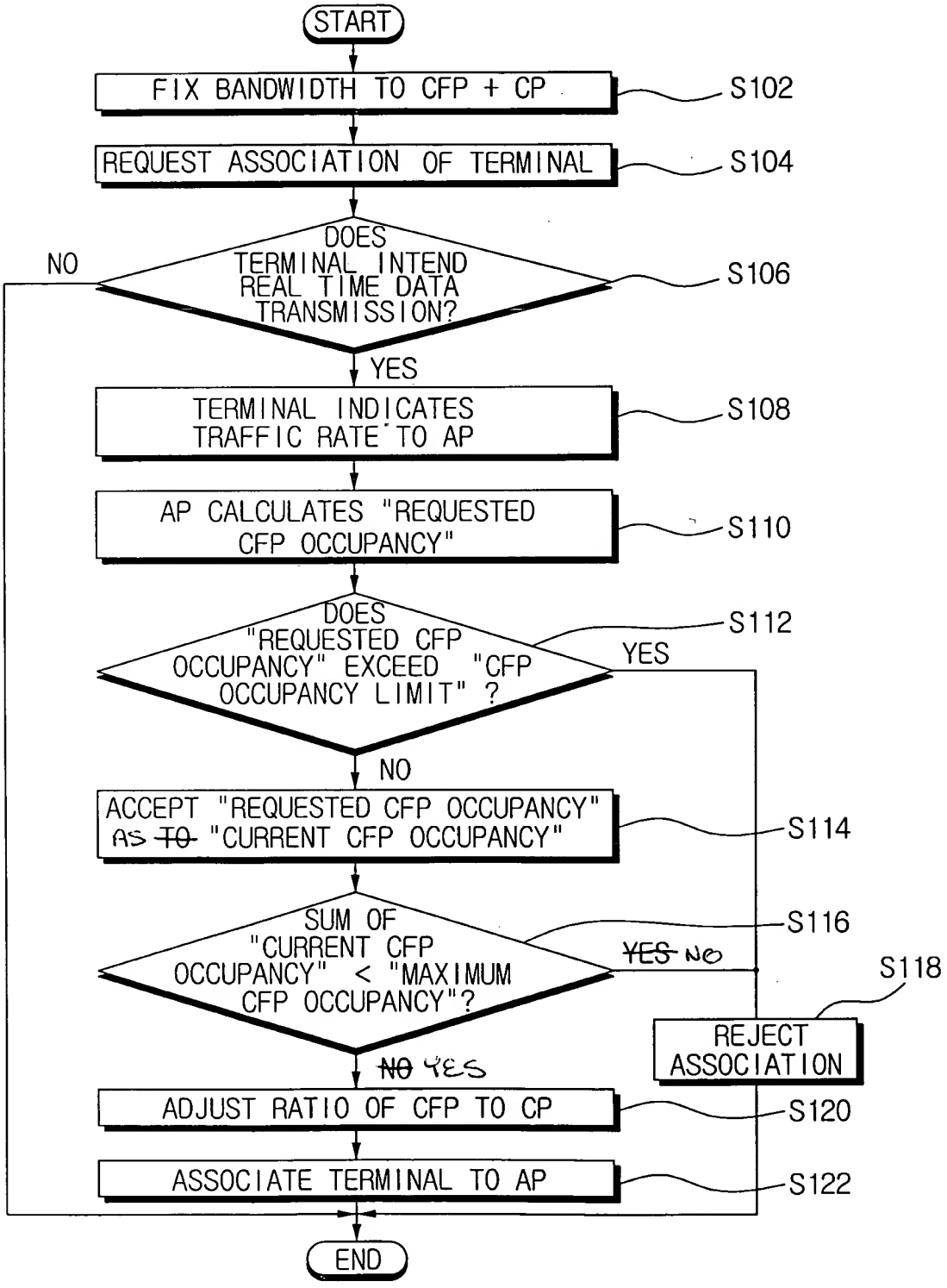
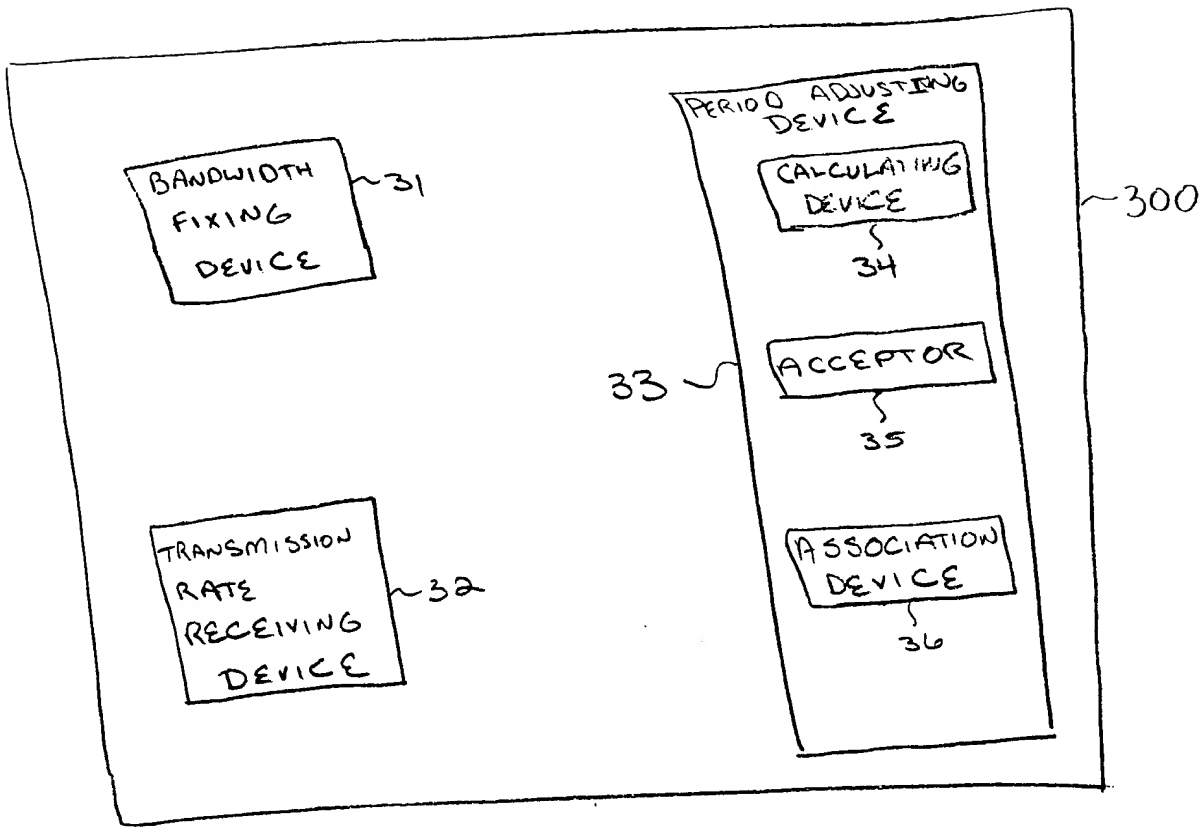

START
FIX BANDWIDTH TO CFP + CP
S102
REQUEST ASSOCIATION OF TERMINAL
S104
DOES TERMINAL INTEND REAL TIME DATA TRANSMISSION?
S106
NO
YES
TERMINAL INDICATES TRAFFIC RATE TO AP
S108
AP CALCULATES "REQUESTED CFP OCCUPANCY"
S110
DOES "REQUESTED CFP OCCUPANCY" EXCEED "CFP OCCUPANCY LIMIT" ?
S112
YES
NO
ACCEPT "REQUESTED CFP OCCUPANCY" AS ~~TO~~ "CURRENT CFP OCCUPANCY"
S114
SUM OF "CURRENT CFP OCCUPANCY" < "MAXIMUM CFP OCCUPANCY"?
S116
~~YES~~ NO
S118
REJECT ASSOCIATION
~~NO~~ YES
ADJUST RATIO OF CFP TO CP
S120
ASSOCIATE TERMINAL TO AP
S122
END

FIG. 5


BANDWIDTH FIXING DEVICE
31
PERIOD ADJUSTING DEVICE
CALCULATING DEVICE
34
300
33
ACCEPTOR
35
TRANSMISSION RATE RECEIVING DEVICE
32
ASSOCIATION DEVICE
36